LET	ALTERATION	DATE	BY
L	TRACED	9-10-37	[illegible]
M	[illegible]	[illegible]	[illegible]
N	ADDED 6 [illegible] DRAIN HOLES	"	"
O	ADDED Q7007-M13-064 (20 LH	[illegible]	[illegible]
	& 20 RH REQ) TO REPLACE	"	"
	AN960-D10 (10 LH & 10 RH	"	"
	NOT CALLED ON B/M	"	"
	ADDED TO B/M AN380-2-2	"	"
	(10 LH & 10 RH REQ)	"	"
P	NEXT ASSEM. 28T2029	"	"
	WAS 28T1003	"	"
Q	9/32 DRILL NOTE ADDED IN	[illegible]	[illegible]
	2 PLACES (WHERE [illegible] AND	[illegible]	[illegible]
	AC366-DF1032 ARE CALLED OUT)	"	"
R	CHANGED LENGTH OF -23 & -26	"	"
	FROM 39 [illegible] TO 39 [illegible]	"	"
S	CHANGED LENGTH OF -22 & -24	"	"
	FROM 70 [illegible] TO 70 [illegible]	"	"
T	ADDED [illegible] DIMENSION 4 PLACES	"	"
U	CHANGED [illegible] DIMENSION TO [illegible]	"	"
V	CHANGED ANGLE -4, -5 & -30 TO 82°	[illegible]	[illegible]
	WAS 90° & CHANGED MAT. TO 24ST	"	"
	WAS 2430	"	"
W	CHANGED SPACING ON -3 TO 3"	"	"
	WAS 2"	"	"
X	ADDED DIM. 5½, 7[illegible], 7[illegible] & 7[illegible]	11-8-40	SINGER
	CHANGED -26: [illegible] WAS 4[illegible] &		
	-27: 7[illegible] WAS 7½		
Y	ADDED (32) Q4305 D3 RIVETS	11-8-40	SINGER
	PER SHIP		
Z	REPLACED 16 Q4305-D3 RIVETS	8-11-40	[illegible]
	WITH 16 - [illegible] RIVETS	"	
AA	AC 501A-10-10 WAS AC 501A-10-16	4-17-41	[illegible]
	MODELS ADDED		
AB	Q5103-2 [illegible]	[illegible]	[illegible]
	AC 366 DF 1032 [illegible] WAS [illegible]		
AC	REM. LOCKWIRE AC995-A1-4 (NOTES,		
	& NOTE "DRILL #50 (.070) 2 HOLES ONE		
	SIDE OF CHANNEL", TO -21 BOLT		
	ADD NOTE: "MAKE FROM		
	AC501-10-10 (NEG. WT CHG	3-26-42	[illegible]

CO6798
CO5911
CO6959
E.O. 1049 (NORTHROP) PBY-5
E.O. 1424 (NORTHROP) PBY-5
E.O. 1424A (NORTHROP) PBY-5
EC. 3082
EO. 7702 (NORTHROP)

28T2051 (REF)

-4
-30 (SEE DETAIL)

82°

DETAIL A
SCALE 12"=1'-0"

70 9/32 (-4 & -30 ONLY)

43

39 1/8 (-5 ONLY)

DRILL 7/32
SCREW Q5103-2
AC366-DF1032

SEE SECTION A-A

RIVET Q4305-D3 SPACE 1"

-4 TOP LH BOTTOM RH (SEE DETAIL)

-30 BOTTOM LH-TOP RH

HINGE

-25 SEE SECTION A-A

RIVET Q4305-D3 SPACE AT 1"

-5 (SEE DETAIL)

-28 .030 1/2 x 7 1/4 ALCLAD STRIP
SPEC. 9780 COND. T
(SEE NOTE 2)

DRILL 7/32
SCREW Q5103-2
NUT AC366-DF1032

SEE DETAIL A

CSK 78° x 7/64
AN425 AD3
BRACES

Q4305-D3 RIVETS
BRACES

-26 .030 1/2 x 4 5/8 ALCLAD STRIP
SPEC. 9780 COND. T
(SEE NOTE 2)

DRILL 7/32
SCREW Q5103-2
NUT AC366-DF1032
LOCATE @ EVERY 3

-3 INSTALLATION
(OUTBOARD OF HINGE)

-27 .030 1/2 x 7 1/4 ALCLAD STRIP
SPEC. 9780 COND. T
(SEE NOTE)

-2 INSTALLATION
INBOARD OF HINGE

DRILL 7/32
SCREW Q5103-2
NUT AC366-DF1032
LOCATE AT EVERY 3"

1/8 DIA DRAIN HOLES - 6 PLACES
LOCATE BETWEEN RIVETS APPROX.
AT DIMS SHOWN - BOTTOM
FLANGE ONLY.

-24 OUTBOARD .030 ALCLAD STRIP
-26 INBOARD
SEE NOTE 2

OUTBOARD REF -4
INBOARD REF -5
NOTE: TAPER TOP LEG SO THAT OTHER LEG REMAINS FLUSH WITH SKIN

NOTE-
BEND RADII 1/16

SECTION THRU CHANNEL -22 -23
SCALE 12"=1'-0"

DRILL #10
THROUGH -22 -23
ON ASSEMBLY
BOLT -21

Q7007-M13-064 WASHER
AN380-2-2 COTTER

1/4 (APPROX)

ELEVATOR NOSE

Q7007-M13-064
UNDER SCREW HEAD

VIEW B-B

DETAIL - OUTBOARD END
-5 -30 SHOWING CUT BACK
FOR REAR SPAR FLANGE

DETAIL -4 -5 -30
SCALE 12"=1'-0"
MAKE FROM .030 AL. ALLOY SHEET
24ST SPEC. 9780 COND. A
H.T. 9853 COND. T

DRILL #50 (.070) FOR COTTER

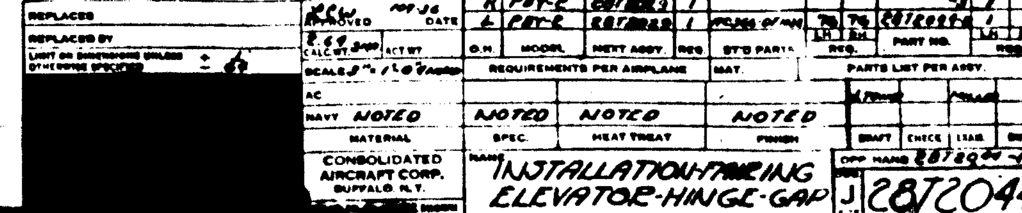
DETAIL - BOLT -21
MAKE FROM AC501-10-10

-22 OUTBOARD .064 ALCLAD SPEC 9780 COND. T - ONE SHEET 8 1/2 x [illegible] OUTBOARD
-23 INBOARD ONE SHEET 8 x 3[illegible] INBOARD

SECTION A-A
SCALE 12"=1'-0"

NOTE-
2 SPOTWELD -24 -25 -26 -27 -28 -29 -22 -23 AT 1/2" SPACES (APPROX)
1 FINISH ALL METAL PARTS [illegible]

H 479



O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
L/R	[illegible]	28T2029	1/1				-27	2	2
L/R	[illegible]	28T2029	1/1				-26	1	1
L/R	PBY-5A	28T2029	1/1				-25	2	2
L/R	PBY-5	28T2029	1/1	AN380-2-2	8	8	-24	2	2
R	PBY-4	28T2029	1	Q7007-M13-064	20	20	-23	1	1
L	PBY-4	28T2029	1	AN960-C-2	10	10	-22	1	1
R	PBY-3	28T2029	1	Q4305-D3	222	222	-5	2	2
L	PBY-3	28T2029	1	Q5103-2	76	76	-4	1	1
R	PBY-2	28T2029	1				-3	1	1
L	PBY-2	28T2029	1	AC366-DF1032	76	76	28T2044-2	1	1

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED [illegible] DATE [illegible]
CALC. WT. [illegible] ACT WT
SCALE 3"=1'-0" [illegible]
AC
NAVY NOTED — NOTED — NOTED — NOTED
MATERIAL — SPEC. — HEAT TREAT — FINISH
DRAFT — CHECK — [illegible] — ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

NAME INSTALLATION-FAIRING ELEVATOR-HINGE-GAP

OPP HAND 28T2044-[illegible]

J 28T2044